

DART SERVICE INSTRUCTION

**TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. D
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 3**

**REF. CANADIAN STC: SH05-37
REF. FAA STC: SR01583SE
REF. EASA STC: EASA.IM.R.S.01126**

PURPOSE

LPS Laboratories "LPS-3" is no longer used during assembly of D412-742-011/-013/-041/-043 Float Skid tubes. LPS-3 may cause premature deterioration of plastic/rubber components. Additionally, LPS-3 can prevent proper fastening of the wear shoe bolts if not cleaned from fastener threads.

CHANGE

It is no longer recommended to apply LPS-3 during maintenance of the float skid tubes. To remove LPS-3 from the interior of the skid tube, use LPS A-151 Cleaner/Degreaser per the manufacturer's instructions.

Amend Installation Instructions IIN-D412-742 & Instructions for Continued Airworthiness ICA-D412-742 as follows:

IIN-D412-742 Section 3.1 & ICA-D412-742 Chapter 32

NOTE: In corrosive environments, ~~it is recommended to coat all faying surfaces with LPS Laboratories LPS-3 Corrosion Inhibitor.~~ Exposed hardware should be coated with LPS Procyon after installation.

ICA-D412-742 Chapter 5

5.2.12 In highly corrosive environments (such as the Gulf of Mexico), it is recommended that the fwd and aft tube assemblies be removed in accordance with section 32.7 and that the inside of the skid tube be inspected for corrosion damage and repaired in accordance with section 5.2.1. Corrosion damage up to 0.010" (0.3 mm) deep is acceptable on the I-beam, but must be polished out to a maximum depth of 0.010" (0.3 mm) and touched up with chemical film (Alodine 1200/1201) per MIL-C-5541 ~~and a coat of LPS-3 Corrosion Inhibitor.~~ Afterwards, the tube should be re-assembled per section 32.7.

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APPROVED		TITLE	SCALE
DE APPR.		LPS-3 REMOVAL	NTS
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